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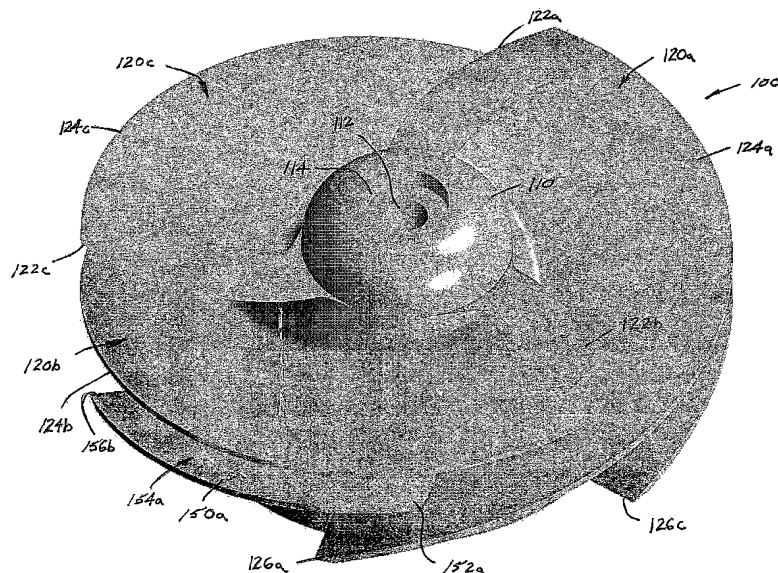
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(54) Title: HIGH PERFORMANCE INDUCER



(57) Abstract: An improved high performance inducer for a pump assembly includes a set of primary blades and splitter blades to achieve a vapor-to-liquid ratio up to 1:1. Minimum back pressure is provided at the leading edge to aid in getting fluid into the blades where the vapor component of the pumped fluid is removed. A hub increases in diameter over the axial extent of the helical blades, thereby resulting in a decreasing depth of the blades between the inlet and outlet of the inducer. A substantial improvement in removing fluid from a storage reservoir is obtained resulting in a substantial savings in shipping costs.



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